

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

	Complete If Known
Application Number	10/008,244
Filing Date	November 7, 2001
First Named Inventor	Huang, Alan
Art Unit	7045 1653
Examiner Name	To Be Assigned
Attorney Docket Number	018781-005510US

PTO/SB/08A (08-0

	U.S. PATENT DOCUMENTS+						
		Document Number			class/subclass		
Examiner Initials*	Cite No.1	Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Pessages or Relevant Figures Appear		
	1.	5,591,825	01-07-1997	McKnight et al.	530-350		
	2.	5,639,858	06-1997	Hoey et al.	530-350		
	3.	5,710,266	01-1998	McKnight et al.	536-23,5		
	4,	5,716,622 A	02-10-1998	Damell, Jr. et al.	424-185.1		
	5.	5,731,155 A	03-24-1998	Schreiber et al.	435-7.1		
	6.	5,591,825	01-1997	McKnight et al.	530-350		
	7.	6,426,331 B1	07-30-2003	McKinney et al.	514-009		

		FOREIGN PATENT DOCUMENTS	
	Cite	n Patent Document Publication Date Name of Patentee or Where Relevant	
	lo.1	Number ⁴ kind code ⁴ (if known) Number ⁴ kind code ⁴ (if known) Applicant of Cited Passages or Relevant Document Figures Appear	T ⁶
	0	10175964 98-30-1998 Sumiteme Seiyaku KK	
	0,	10175065 - 08 30 1998 - Sumitomo Sciyaku KK	
	10.	11106348	
	11.	11116481 04-27-1900 Sumitomo Soiyaku KK	
=	12.	-2000 229959 A1 08 22 2000 SumitemoChem Co Ltd	
	13.	97/05162 A1 02-13-1997 BASF Aktiengesellschaft	
	14.	98/31704 A1 07-23-1998 Novartis Pharm.	
╗	15.	99/24442 A1 05-20-1999 Ariad Pharm. Inc.	L
\dashv	16.	99/50283 A1 10-07-1999 Tularik Inc.	
	17.	00/027802 A1 05-18-2000 Anad Pharm. Inc.	
7	18.	01/83517 A1 11-08-2001 Tularik Inc.	

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4/2/04

Examiner Signature Date Considered

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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	Complete	e if Known	À
Application Number	10/008,2	244	(C) 50
Filing Date	November 7, 2001 Ca		
First Named Inventor	Huang,	Alan	V
Art Unit	1646	1653	To the
Examiner Name	To Be A	ssigned	1/2
Attorney Docket Number	018781-	005510US	7

PTO/SB/08B (08-03)

		NON PATENT LITERATURE DOCUMENTS		
Examiner Initials *			т;	
DL	19. ANONYMOUS, "STAT antibodies" Research Diagnostics, pp. 1-9, March 26, 1998			
	20. ANONYMOUS, "Stat sampler kit" The 1998 Online Antibody Catalog, Transduction Laboratories, 5 pages, March 29, 1998.			
	21.	ANONYMOUS, "The jak-STAT mechanism of signal transduction" The Cytokine Bulletin pp. 1-8 (1995) at http://www.mdsystems.com/asp/b> (visited on January 8, 2003)		
	22.	BLOMMERS et al., "Transferred cross-correlated relaxation complements transferred NOE: Structureof an IL-4R-derived peptide bound to STAT-6" J. Am. Chem. Soc. 121(9):1949-1953 (1999)		
	23.	CARPENTER, "Receptor tyrosine kinase substrates: src homology domains and signal transduction" FASEB J. 6:3283-3289 (1992)		
\sim \tilde{V}	24.	DARNELL et at., "Jak-Stat pathways and transcriptional activation in response to IFNs and other extracellular signaling proteins" Science 284:1415 (1994)		
X	25.	HOU et al., "An interleukin-4-induced transcription factor: IL-4 stat" Science 265:1701-1706 (1994)		
	26.	IHLE et al., "Signaling by the cytokine receptor superfamily: JAKs and STATs" Trends Biochem Sci. 19:222-227 (1994)		
	27.	IHLE et al., "Jaks and Stats in signaling by the cytokine receptor superfamilty" Trends Genetics 11:69-74 (1995)		
	28.	KAPLAN et al., "Impaired IL-12 responses and enhanced development of Th2 cells in stat4-deficient mice" Nature 382:174-177 (1996)		
	29.	KAPLAN, M. et al., "Sta6 is required for mediating responses to IL-4 and for the development of TH2 cells" Immunity 4:313-319 (1998)		
	30.	MARTIN, et al., "Sulfonic acid enkephalin: Binding specificity to rat brain opiate receptors" Neuropeptides 6:293-302 (1985)		
	31.	MYERS et al., "The IRS-1 signaling system" Trends in Biochem. Sci. 19:289-293 (1994)		
	32. OSHIMA et al., "A novel interleukin-13 antagonist that blocks the biological activity of human interleukin-13 in immune and nonimmune cells" FASEB Journal 15(6):122-144 (2001)		_	
	33.	PAWSON, T. "Protein modules and signaling networks" Nature 373:573-580 (1995)		
	34.	QUELLE et al., "Cloning of murine Stat6 and Human Stat6, Stat proteins that are tyrosine phosphorylated in responses to IL-4 and IL-3 but are not required for mitogenesis" Mol. Cell. Biol. 15:338-3343 (1995)		
SI	RYAN, J. et al., "Growth and gene expression are predominantly controlled by distinct regions of the human IL-4 receptor" Immunity 4:123-132 (1998)			

		1	 					<u></u>	
Examiner Signature	X	buil		ay	Date Considered	41	2/	04	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 3

	Complete if Known		ク
Application Number	10/008,244	為	~~~
Filing Date	November 7, 2001	C	5
First Named Inventor	Huang, Alan	C	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Art Unit	1645	•	レン
Examiner Name	To Be Assigned		100 T
Attorney Docket Number	018781-005510US		6

Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item	
Examiner Initials/	No.1	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т
	36.	SCHINDLER, C. et al., "Transcriptional responses to polypeptide ligands: The JAK-STAT pathway" Annu. Rev. Biochem. 64:621-51 (1995)	
	37.	SCHLESSINGER, J. "SH2/SH3 signaling proteins" Curr. Opin. in Gen. and Dev. 4:25-30 (1994)	
	38.	SHUAI et al., "Polypeptide signaling to the nucleus through tyrosine phosphorylation of Jak and Stat proteins" Nature 386:580-583 (1993)	
	39.	THIERFELDER et al., "Requirement for stat4 in interleukin-12 mediated responses of natural killer and T cells" Nature 382:171-174 (1996)	
	40.	WANG, H. et al., "IL-4 function can be transferred to the IL-2 receptor by tyrosine containing sequences found in the IL-4 receptor alpha chain" Immunity 4:113-121 (1996)	
	41.	YAMAMOTO et al., "cDNA cloning, expression and chromosome mapping of the human STAT4 gene: both STAT4 and STAT1 genes are mapped to 2q32.2~ q32.3" Cytogenet Cell Genet. 77:207-210 (1997)	
V	42.	YAO et al., "Direct interaction of STAT4 with the IL-12 receptor" Archives of Biochemistry and Biophysics 388(1):147- 155 (1999)	
	43.	ZHONG et al., "Stat3 and Stat4: Members of the family of signal transducers and activators of transcription" Proc. Natl. Acad. Sci. USA 91:4808-4810 (1994)	

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4/2/04

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